

C. Mitigation Plan Performance Standard

The mitigation plan specified one additional performance standard for measuring the success of the mitigation measures:

1. Planted vegetation in the mitigation areas will have a minimum 50% survival rate. Survivorship will be measured during each year of the five-year monitoring period.

2.3 MONITORING AND REPORTING REQUIREMENTS

The Section 404, Section 401, and Isolated Wetland permits specify that the mitigation areas will be monitored annually for a period of five years following completion. The permits and original mitigation plan specify the mitigation monitoring parameters and frequency and reporting requirements. The following subsections present a compilation of the monitoring parameters and reporting requirements specified in the permits and plan.

2.3.1 Monitoring Parameters

The table, below, lists the parameters and seasons for the wetland and stream mitigation monitoring:

Parameter	Month(s)	Frequency
As-built drawings of mitigation and impact areas	Not specified	After construction ¹
QHEIs on six stream reaches	May ²	Annually
Wetland plant community mapping	Late August ²	Annually
Wetland vegetation composition and cover	Late August ²	Annually
Plant survival ³	May ²	Annually
Wetland water chemistry (one sample/wetland) ⁴	May	Annually
Wetland hydrology (surface/groundwater levels)	May, late August	Twice annually
Wetland soils monitoring (1 test pit/acre)	May ²	Annually
Wetland delineation	Late August ²	Fifth year
Photographs of mitigation areas (fixed points)	May, late August	Each event